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CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

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COUNTRY	East Germany	REPORT	
SUBJECT	VEB Funkwerk Koeppenick	DATE DISTR.	5 January 1955
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This is UNEVALUATED

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
 THE APPRAISAL OF CONTENT IS TENTATIVE.
 (FOR KEY SEE REVERSE)

1. Kollisionsschutzgeraet (anti-collision apparatus) (radar)

Laboratory tests, to determine the suitability of this equipment for altitude measurements have been carried out with paraboloid aerials of about 1.20 meters diameter and with partial paraboloids about 1 meter across. Field trials with the laboratory set to determine the height of meteorological balloons were to be carried out during August 1954 at the Lindenberg meteorological station. The aerial of the prototype set was taken down from the plant's Turmhaus; the equipment was then installed on the ship STRALSUND.

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2. Funkleitfuer (radio beacon)

Aerials for installation at Sassnitz have been constructed; experiments are being carried out with them on the island at the eastern end of the Mueggelsee (a lake about 2 kms east of Koeppenick).

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3. Centimeter wavelength aerials

Trials with parabolic reflectors and various forms of directional aerials are continuing.

4. Gross-Stationsempfaenger (large station receiver)

The Russians have suddenly taken an interest in the progress of this set, which is a commercial receiver for single-sideband operation. It has now been announced that a series of ten is to be built after the laboratory model has been completed, and it is assumed that these ten sets will be sent to the USSR.

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5. Shortage of measuring equipment

The following instruments are in short supply in VEB Funkwerk Koeppenick and their

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STATE	X	ARMY	X	NAVY	X	AIR	X	FBI		AEC	
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(NOTE: Washington distribution indicated by "X"; Field distribution by "#")

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absence causes delays:

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a. Sensitivity-testing signal generators, type SMAF

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b. Voltmeters for decimeter valves, type UDND

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c. Output-testing signal generators (Leistungsmesssender);

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d. Mirror galvanometers;

e. ZG diagraphs - curve-tracers for impedance measurements at frequencies up to 3 or 5 mcs.

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f. Calibration circuits;

g. Attenuation recorders.

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